

INTER-COMPANY CORRESPONDENCE *Waste Disposition*

Post Office Box P
OAK RIDGE, TENN.

(INSERT NAME) COMPANY CARBIDE AND CARBON CHEMICALS CORP. LOCATION

TO L. B. Emlet
K. Z. Morgan
LOCATION J. C. Stewart

DATE 5-12-48

ANSWERING LETTER DATE

ATTENTION
COPY TO

F. H. Belcher, AEC
L. P. Riordan
J. A. Cox
R. E. Breathitt
F. Western
J. C. Hart
F. W. Clay
W. E. Dougher
J. S. Felton

SUBJECT Disposal of Radioactive
Wastes Received from Other
AEC Installations

400-74

At the request of the Atomic Energy Commission, the Oak Ridge National Laboratory will be responsible for receiving and disposing of radioactive waste material, liquid and solid, sent here for disposal from other AEC operations sites; for maintaining proper accounting records of Class B and C property included in the shipment; and for decontaminating the trucks, containers, and equipment involved before they leave the plant for the return trip.

The term "Shift Supervisor" as used in this letter shall be interpreted to mean the Shift Supervisor of the Chemical Separation Department of the Operations Division, or his authorized representative.

PROCEDURE:

- Upon arrival at the Oak Ridge National Laboratory, the AEC driver will proceed directly to Building 706-D, leave the vehicle in the parking space east of the building, immediately notify the Shift Supervisor of the arrival of the material, and give to him all the shipping data covering the shipment. When a shipment arrives by trailer truck which is too large to maneuver in the parking space east of Building 706-D, the driver will stop at the main area gate and notify the Shift Supervisor by telephone (Phone 6102). The Shift Supervisor will then go to the gate to accept the shipment there.
- The Shift Supervisor will have the Survey-Monitoring Section of the Health Physics Division make an immediate radiation survey of the loaded vehicle, record the results of the survey on Form S-6, Record of Receipt of Radioactive Waste, and arrange for the posting of radiation danger signs if necessary.


ChemRisk Document No. 2571

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M.R. Theisen, EASI 3-1-90
Date

- c. The Shift Supervisor will check the contents of the truck with the driver, sign the Courier Receipt, and give one copy to the driver, thereby relieving him of responsibility for the vehicle and its contents and making him free to leave.
- d. The Shift Supervisor will keep one copy of the Courier Receipt and transmit immediately all remaining copies together with all other shipping data to the Accountability Representative, Isotope Control Department, Operations Division.
- e. The Accountability Representative will notify the Receiving Department of the receipt of all Class B or Class C property (other than classified containers) and arrange to have a Receiving Inspector to check the property in and prepare a Receiving Report. No Receiving Reports will be prepared for waste materials sent here for disposal.
- f. The Accountability Representative will maintain a log of returnable classified containers noting the following information:
 - 1. Receipts
 - (a) Date Received
 - (b) Received From
 - (c) Container Number
 - (d) Type of Container
 - 2. Shipment
 - (a) Date Shipped
 - (b) Shipped To
 - (c) Container Number
 - (d) Type of Container .
- g. Radioactive liquid wastes will be disposed of in the Tank Farm as soon as the work can be handled in the regular operations schedule. Solid wastes will be disposed of at the Burial Grounds but only on regular work days (Monday through Friday, holidays excepted) during the 8 a.m. to 4 p.m. shift.

- h. If the waste material is liquid, the Shift Supervisor will issue an emergency order to the Transportation Department (the Dispatcher on night shifts, week-ends, and holidays) to have the vehicle driven to the proper area in the Tank Farm. If the material is solid, the Shift Supervisor will issue an emergency order to the Transportation Department to have the vehicle driven to the Burial Ground but only during the shifts specified in the preceding paragraph.
- i. The Maintenance Department, at the request of the Shift Supervisor, will provide labor as needed to remove tarpaulins and cargo braces and help move heavy loads.
- j. The Shift Supervisor will request the Health Physics Survey-Monitoring Section to make radiation surveys and smear tests of the vehicle, containers, and equipment. Results will be recorded on Form S-6.
- k. The waste material will be disposed of by Operations Division personnel under the direction of the Shift Supervisor.
- l. The truck, containers, and equipment will be taken to the following places for decontamination: truck, Building 101; containers and equipment, Building 706-D.
- m. After the truck has been decontaminated, the Maintenance Foreman in charge of the job will summon a Health Physics Surveyor from Building 105 to survey the truck. After the containers and equipment have been cleaned, the Shift Supervisor will request a Health Physics Surveyor to survey them and make smear tests, the results being recorded on Form S-6.
- n. Upon verbal notification by these Health Physics Surveyors that the truck and equipment are sufficiently clean to be returned to their origin, the Shift Supervisor will have the Transportation Department move the truck to the parking area east of Building 706-D and obtain necessary labor from the Maintenance Department to reload and brace the cargo. If the truck is too large to be taken to this parking area and it is necessary to load equipment on it which has been decontaminated in Building 706-D, the Shift Supervisor will make special arrangements with the Maintenance Department to handle the loading.
- o. When the truck is ready the Shift Supervisor will notify the AEC dispatcher of the fact by telephone, and will notify, by telephone, the Accountability Representative of the number, kind, and identifying numbers of the containers being released.

- p. The Accountability Representative will issue a Courier Receipt for the containers and a pass for removal of the property from the Laboratory Area and forward them to the Shift Supervisor. Should it become necessary to remove a truck on Saturday, Sunday, or a holiday, the Shift Supervisor will notify the Accountability Representative by noon on the last regular work day prior to the day the truck is to leave. The Courier Receipt and pass will then be prepared and delivered to the Shift Supervisor so that they will be available when the AEC driver is ready to leave.
- g. The Shift Supervisor will transfer responsibility for the truck, containers, and equipment upon receipt of one copy of the Courier Receipt signed by the driver.


C. N. Rucker
Executive Director

GCWarlick:esm